



# y strainers



# **TECNICAL SHEET** 07/2015 | IP08030

#### SCOPE

ARCO Y strainers, by its design and raw materials are suitable to be used in drinking water networks.

In general they are intended for all those applications where it is required to protect networks against the certain size particle inlet.

## **SERVICE** CONDITIONS

Nominal pressure: Temperature range:

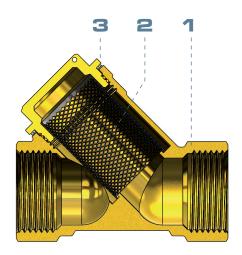
Fluid:

16 bar
0°C up to 95°C
(excluding frozen)
Drinking water,

hot water, water with max. % in glycol of 30%.

#### **COMPONENTS**

Item	Component	Material	Treatment
1	Body and cap	European Brass CW617N	Brass color
2	Filter	Stainless steel	
3	Washer	Fiber	



### MAIN CONSTRUCTIVE FEATURES

Stainless steel filter mesh features:

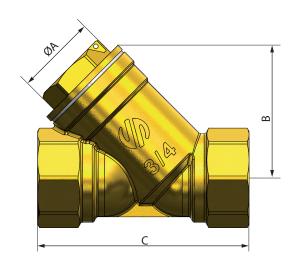
Nominal Diameter	1/2 - 3/4 - 1	1 1/4 - 1 1/2 - 2
Hole Maximum Pitch	1 mm	1.2 mm
Diameter Hole	800 micron	1000 micron
Holes per cm2	70	70
% Holes per total surface	45%	50%





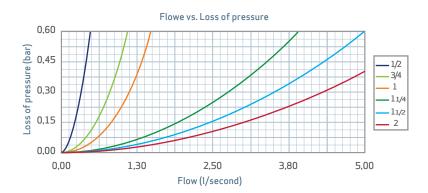
#### **DIMENSIONS**

Size	Α	В	С
1/2H-1/2H	28	39	57
3/4H-3/4H	33	43	68
1H-1H	35	52	75
11/4H-11/4H	48	69	93
11/2H-11/2H	57	75	107
2H-2H	70	92	126



#### HYDRAULIC FEATURES

Hydraulic characteristics obtained according to EN 1267.



## INSTALATION AND ASSEMBLY

Hold the Y strainer from faces of the hexagons, never from the central part, that will avoid internal components deformations (in other case the Y strainer could be damaged inevitably).

Y strainers can be installed horizontally or vertically, but always must follow the flow direction, show by the arrow marked in the body.

Stainless steel filter must be cleaned depending on the utilization, to ensure a best performance of the Y strainer.



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Every product has an impact on the environment during all stages of its life-cycle, including final disposal. All components of these valves can be recycled, deposit the valve in a green or recycled point when no longer useful.

Válvulas ARCO, SL reserves the right to change our products and specifications at any time and without prior notice.